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ARAKELYANTS, M. M.

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//DOKLADY AN SSSR, EARTH SCIENCES//
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ZONE OF THE TOARCIA STAGE IN THE VILYUY

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SUKHAREV, G. M.
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UPPER UNITS OF RESIDUAL NICKEL DEPOSITS IN
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SHERMAN, S. I.
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00/00/1975,V0220,N0001, PP 0195-0197
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OF PODOLIA
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GRAVIMERTY PROBLEM BASED ON THE HARMONIC
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VOSTRIKOV, G. A.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0002, PP 0335-0338
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//DOKLADY AN SSSR, EARTH SCIENCES//
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//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0002, PP 0451-0454
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//DOKLADY AN SSSR, EARTH SCIENCES//
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THE MALYY SEMYACHIK VOLCANO, KAMCHATKA
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GRYAZNOV, V. I.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0003, PP 0666-0668
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KAZAK, A. P.
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00/00/1975,V0220,N0003, PP 0676-0679
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TIEN SHAN
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POPOV, V. YE.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0003, PP 0680-0683
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GRUDEV, A. P.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0003, PP 0684-0685
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BUGROV, N. M.
//DOKLADY AN SSSR, EARTH SCIENCES//
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GANEYEV, I. G.
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DIFFERENTIATION OF HYDROTHERMAL SOLUTION,
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KONOVALOV, I. V.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0003, PP 0694-0697
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SREBRODOL'SKIY, B. I.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0003, PP 0698-0699
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STUPAKOV, YE. P.
//DOKLADY AN SSSR, EARTH SCIENCES//
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KOROTIN, A. V.

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00/00/1975,V0220,N0004, PP 0903-0905
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KALUTSKAYA, S. A.
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KIM, A. I.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0004, PP 0910-0913
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MAKUSHIN, A. A.
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KRUCHEK, S. A.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0004, PP 0918-0921
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RASPOPOVA, M. G.
//DOKLADY AN SSSR, EARTH SCIENCES//
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ROZMAN, KH. S.
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PEDAN, L. S.
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ARAMOVICH, L. YA.
//DOKLADY AN SSSR, EARTH SCIENCES//
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EXPERIMENTAL STUDY OF EXCHANGE EQUILIBRIA IN
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ZHARIKOV, V. A.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0004, PP 0936-0938
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IGNEOUS ROCKS AT 45 KILOBARS
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YAROSLAVSKIY, R. I.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0004, PP 0939-0940
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MIROPOL'SKAYA, G. I.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0004, PP 0941-0944
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KOZHEVNIKOV, O. K.
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SEDOVA, I. S.
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SARKISYAN, S. G.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1149-1152
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SEDIMENTS OF WESTERN SIBERIA AS SHOWN BY
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SEPLETSKIY, V. I.
//DOKLADY AN SSSR, EARTH SCIENCES//
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SEMENOV, D. F.
//DOKLADY AN SSSR, EARTH SCIENCES//
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MANDRIKOVA, N. T.
//DOKLADY AN SSSR, EARTH SCIENCES//
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SHASHKIN, D. P.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1161-1164
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AVDONIN, V. V.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1165-1168
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KOVALENKO, V. I.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1169-1171
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RARE METAL-BEARING LITHIUM-FLUORINE GRANITE
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PISKUNOV, B. M.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1172-1175
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DREVMOV, M. V.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1176-1179
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//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1180-1182
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SHVARTSEV, S. L.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1183-1185
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YEMEL'YANOV, YE. M.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, PP 1186-1189
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NEPROCHNOV, YU. P.

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//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0005, 1190-1193
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KORT, V. G.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0006, PP 1306-1309
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YERMAKOV, B. V.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0006, PP 1387-1390
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KOKAYEV, S. N.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0006, PP 1391-1393
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TUYEZOV, I. K.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0006, PP 1394-1397
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GRIGIR'YEV, D. P.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0006, PP 1398-1401
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DOBROVOL'SKAYA, M. G.
//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0006, PP 1402-1405
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MECHELYUSTOV, G. M.
//DOKLADY AN SSSR, EARTH SCIENCES//
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SHASHKIN, D. P.
//DOKLADY AN SSSR, EARTH SCIENCES//
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KAROGODIN, YU. M.

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//DOKLADY AN SSSR, EARTH SCIENCES//
00/00/1975,V0220,N0006, PP 1414-1416
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DONTSOVA, YE. I.
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GERSHOYG, YU. I.
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AKIMOV, V. N.
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IONOSPHERIC WAVEGUIDE AND ITS USE IN
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MAGNETIC FIELD OF A MAGNETIZED AND
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ZHELMOROVICH, V. A.
//DOKLADY AN SSSR, MECHANICS//
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MAGNETIC FIELD OF A MAGNETIZED AND
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ORGANOVA, N. I.
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DRUGOVA, G. M.
//DOKLADY AN SSSR, MINERALOGY//
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NEKRASOV, I. YA.
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SOBOLEV, E. V.
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AMIKIN, I. N.
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GODIVIKOV, A. A.
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GODOVOKOV, A. A.
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GORBACHEV, B. F.
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KOVALENKER, V. A.
//DOKLADY AN SSSR, MINERALOGY//
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KULIKOVA, F. V.
//DOKLADY AN SSSR, MINERALOGY//
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SHISHKIN, N. M.
//DOKLADY AN SSSR, MINERALOGY//
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//DOKLADY AN SSSR, MINERALOGY//
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VESELOVSKAYA, M. M.
//DOKLADY AN SSSR, MINERALOGY//
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FOMINYKH, V. G.
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00/00/1974,V0217,N0003, PP 0663-0666
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CHALYSHEV, V. I.
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YAZEVA, R. G.
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BUSSEN, I. V.
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//DOKLADY AN SSSR, MINERALOGY//
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IVANOV, V. M.
//DOKLADY AN SSSR, MINERALOGY//
00/00/1974,V0217,N0005, PP 1169-1172
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IONIC GRAVITATIONAL DIFFERENTIATION OF
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AVCHENKO, O. V.
//DOKLADY AN SSSR, MINERALOGY//
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GRAINTIZATION OF ECLOGITIC SCHIST OF THE OKHOTSK
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//DOKLADY AN SSSR, MINERALOGY//
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KNYAZEV, G. I.
//DOKLADY AN SSSR, MINERALOGY//
00/00/1974,V0217,N0006, PP 1401-1404
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//DOKLADY AN SSSR, MINERALOGY//
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MID-ATLANTIC RIDGE
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ADZHAMOV, K. YU.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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MOLYBDATE PROPERTIES
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AMOSOV, A. P.
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00/04/1973,V0209,N0006, PP 1361-1364
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DURING SHEAR FAILURE
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00/06/1973,V0210,N0004, PP 0884-0887
EFFECT OF CO₆₀R IRRADIATION ON DIFFUSION,
SOLUBILITY, AND SURFACE DISTRIBUTION OF Sb₁₂₅ IN
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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1973,V0210,N0004, PP 0888-0891
THERMAL DESORPTION OF HYDROGEN FROM PALLADIUM
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PHASES
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00/12/1973,V0213,N0004, PP 0856-0859
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DEUTERIUM
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TETRAHYDRATE
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ZARKO, V. E.
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CONDENSED SYSTEMS USING HOLOGRAPHY
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(19F) NUCLEI IN RH (III) HEXAFLUORO
COMPLEXES
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KORSHAK, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0001, PP 0126-0128
CHANGE IN MOLECULAR WEIGHT CHARACTERISTICS
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OF EXCHANGE SPIN-SPIN SYSTEMS
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MARDASHEV, YU. S.
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00/05/1974,V0216,N0001, PP 0133-0135
THE 'MEMORY' EFFECT FOR SILVER CATALYSTS
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MOROZOVA, I. S.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0001, PP 0136-0139
INITIATION OF THE POLYMERIZATION OF
DIOXILANE BY BORON TRIFLUORIDE COMPLEXES
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NIKONOVA, L. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0001, PP 0140-0141
NITROGEN FIXATION BY VANADIUM (II) COMPLEXES
IN HOMOGENEOUS AQUEOUS SOLUTIONS
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SPITSYN, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0001, PP 0142-0145
INVESTIGATION OF HYDRATED MAGNESIUM SULFATES
BY IR SPECTROSCOPY
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TAL'ROZE, V. L.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0001, PP 0146-0149
PHOTORECOMBINATION LASERS WITH THERMAL INITIATION
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KAFAROV, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0002, PP 0342-0345
THE ROLE OF STOICHIOMETRY IN CHEMICAL

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MARGOLIN, A. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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COMBUSTION OF A ROTATING GAS
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MOROZOV, A. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0002, PP 0350-0352
TWO TYPES OF INHIBITORS FOR THE
CONDENSATION OF FORMALDEHYDE
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SPITSYN, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0002, PP 0356-0359
MECHANISM OF THE SULFURIC-ACID DISSOLUTION
OF URANIUM OXIDES IN A FIELD OF γ RADIATION
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STRELKO, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0002, PP 0360-0362
MECHANISM OF THE STABILIZATION OF METHYL
RADICALS ON SILICA SORBENTS
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FEDOROV, S. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0002, PP 0363-0366
DECOMPOSITION OF THE METASTABLE B-SOLID
SOLUTION OF TITANIUM WITH IRON
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CHIGRINA, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0002, PP 0367-0370
CATALYTIC PROPERTIES OF IRON-MAGNESIUM
OXIDE CATALYSTS FOR THE OXIDATION OF
HYDROGEN
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CHIPANINA, N. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0002, PP 0371-0373
THERMODYNAMIC PARAMETERS OF THE HYDROGEN
BOND OF 1-VINYL- AND 1-ETHYLAZOLES
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GLADYSHEV, G. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0003, PP 0586-0587
THE PROBLEM OF STABILIZATION OF THERMOSTABLE
POLYMERS
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DUBOVIK, A. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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THE LUMINESCENCE OF LOW-VELOCITY DETONATION
IN NITROGLYCERINE
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KRYUKOV, Z. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0003, PP 0592-0594
PHOTOCHEMICAL REDUCATION OF VANADIUM
OXYTRICHLORIDE IN ALCOHOL SOLUTIONS
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000000011757

SERGEEV, G. B.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0003, PP 0595-0598
ACTIVATION OF THE PEROXIDASE-CATALYZED
OXIDATION OF QUINOL PHOSPHATES BY SUBSTRATES
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000000011758

SOKOLOVSKII, V. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0003, PP 0599-0602
COMBINATION OF CATALYST OXIDATION-REDUCTION
PROCESSES AS A CAUSE OF THE APPEARANCE OF
A MECHANISM WITH A LOW ACTIVATION ENERGY IN
THE OXIDATION OF CO ON ZINC OXIDE
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FOGEL'ZANG, A. E.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/05/1974,V0216,N0003, PP 0603-0606
THE COMBUSTION OF NITRAMINES
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AKHREM, A. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0830-0832
HYDROXYLATION OF NAPHTHALENE BY
PEROXYCOMPLEX (MOO(O2)2 HEXAMETHYLPHOSPHOTRIAMIDE)
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BERLIN, A. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0833-0836
SPECIFIC HIGH-TEMPERATURE DEGRADATION OF
THE PRODUCTS OF OXIDATIVE DEHYDROPOLYCONDENSATION
OF DIPHENYLAMINE
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000000011689

VUL'FSON, S. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0837-0839
THE POLARIZATION AND CONFORMATION OF
AROMATIC DISELENIDES
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000000011690

GERMAN, E. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0840-0843
EFFECT OF PRESSURE ON THE RATE OF LIGAND
DISPLACEMENT PROCESSES IN THE COORDINATION
SPHERE OF METAL COMPLEXES
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ZELENTSOV, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0844-0846
SYNTHESIS AND MAGNETIC PROPERTIES OF
HETERONUCLEAR CHROMIUM (III) AND IRON
(III) OXYCARBOXYLATES
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ISMAILOV, E. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0847-0850
EFFECT OF CARBON MONOXIDE, PREADSORBED ON
STANNIC OXIDE AND ZINC OXIDE, ON THE
FORMATION OF OXYGEN ION RADICALS
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MULYAVA, M. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0851-0853
REACTIONS RESULTING IN THE FORMATION OF
A 'BLUE FLAME' DURING OXIDATION AND
SPONTANEOUS IGNITION OF RICH METHANE-
OXYGEN MIXTURES
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SOKOL'SKII, D. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0854-0856
HYDROGENATION OF ACETYLENIC COMPOUNDS
IN THE PRESENCE OF COMPLEX CATALYSTS.
CO(III)-FE(III), CO(III)-NI(II), FE(III)-NI(II),
AND CO(III)-CO(II) ACETYLACETONATES WITH
TRIETHYLALUMINUM
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YAKUSHEV, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0004, PP 0857-0859
CONNECTION BETWEEN THE MOLECULAR STRUCTURE
OF LIQUID DIELECTRICS AND THEIR ELECTRICAL
POLARIZATION DURING SHOCK COMPRESSION
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ALESKOVSKII, V. B.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1077-1079
EFFECT OF INTERSTITIAL IMPURITIES ON
THE EVAPORATION OF IRON
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BARELKO, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1080-1083
POSSIBILITY OF A BRANCHED-CHAIN MECHANISM
FOR A HETEROGENEOUS CATALYTIC REACTION
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VEDENEV, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1084-1086
KINETICS OF TRANS-CIS ISOMERIZATION OF
DIFLUORODIAZINE
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DERYAGIN, B. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1087-1090
PASSIVATION OF THE GROWTH OF LARGE DROPS
BY CONDENSATION
CB

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ZVARYKINA, A. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1091-1094

EXCHANGE INTERACTIONS AND CRYSTAL STRUCTURE
OF THE IMINOXYL BIRADICAL (C₂₂H₄N₂O₂)
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ZUBKOV, A. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1095-1097
POLARIZATION OF THE ELECTRONS DURING
THE FORMATION OF RADICAL PAIRS
CB

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KSANDOPULO, G. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1098-1101
CONCENTRATION PROFILE OF HYDROGEN ATOMS
IN THE LOW-TEMPERATURE ZONE OF A PROPANE-
AIR FLAME FRONT
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MYASNIKOV, I. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1102-1104
CHEMISORPTION OF HYDROGEN ATOMS ON THE
SURFACE OF POLYMERS HAVING CONJUGATED BONDS
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TSVETKOV, V. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0005, PP 1105-1108
KERR EFFECT IN THE ISOTROPIC PHASE OF
NEMATOGENIC SUBSTANCES CONTAINING-C=N GROUPS
IN THE MOLECULES
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VAKHIDOV, R. S.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1312-1314
ABSORPTION OF SOME PHOSPHORUS ANIONS ON COPPER
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GRIBOV, L. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1315-1318
CALCULATION OF THE SPECTRAL DISTRIBUTION CURVE
FOR THE COEFFICIENTS OF ABSORPTION IN COPOLYMERS
POLYOCTENAMER
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DERYAGIN, B. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1319-1322
STABILIZING ACTION OF SURFACE-ACTIVE
SUBSTANCES ON A GOLD HYDROSOL
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KUZNETSOVA, L. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1323-1326
CATALYTIC PROPERTIES OF COBALT-MAGNESIUM
OXIDE CATALYSTS WITH RESPECT TO THE HYDROGEN
OXIDATION REACTION
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LITVINENKO, L. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1327-1330

THE MECHANISM OF 2-HYDROXYPYRIDINE CATALYSIS
IN AMIDE-BOND FORMATION
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NEIMAN, M. S.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1331-1334
CORROSION-ELECTROCHEMICAL PROPERTIES
OF MOLYBDENUM IN ACIDIC MEDIA
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RATNER, S. B.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1335-1338
INFLUENCE OF STABILIZING ADDITIVES AND THERMAL
EXPANSION ON RESISTANCE OF THERMOPLASTIC
MATERIALS TO MECHANICAL FAILURE
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TEMKIN, M. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1339-1342
VAPOR ADSORPTION AT INHOMOGENEOUS SURFACES
CB

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CHIZHIKOV, D. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/06/1974,V0216,N0006, PP 1343-1345
REACTIONS OF NICKEL COBALTITE, CHROMITE,
AND ALUMINATE WITH HYDROGEN
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BASOV, YU. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/07/1974,V0217,N0003, PP 0602-0604
USE OF STATISTICAL MODELING TO SOLVE A SYSTEM OF
DIFFERENTIAL KINETIC EQUATIONS
CONSULTANTS BUREAU

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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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USE OF STATISTICAL MODELING TO SOLVE A SYSTEM OF
DIFFERENTIAL KINETIC EQUATIONS
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BEREZIN, G. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0843-0845
RELATION BETWEEN CRITICAL PARAMETERS OF
GASES AND THEIR ADSORPTION CONSTANTS
CONSULTANTS BUREAU

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VERIGIN, M. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0846-0848
DYNAMICS OF ADSORPTION IN A STREAM WITH
VARIABLE VELOCITY
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GOL'DSHEIN, I. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0849-0851
ACCEPTOR PROPERTIES OF ORGANOTIN CHLORIDES
CONSULTANTS BUREAU

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ZAKHAROV, I. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0852-0855
MECHANISMS OF INITIATING FUNCTION IN
OXIDATION REACTIONS WITH COBALT BROMIDE
CATALYST
CONSULTANTS BUREAU

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KAMENSKII, YU. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0856-0858
AN APPLICATION OF VARIATIONAL EXCITATION
THEORY TO THE CALCULATION OF FORCE
COEFFICIENTS FOR POLYATOMIC MOLECULES
CONSULTANTS BUREAU

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MALINOVA, G. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0859-0861
INTERACTION OF MOLECULAR AND ATOMIC OXYGEN
WITH METAL OXIDES
CONSULTANTS BUREAU

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MARTYNOVA, O. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0862-0864
USE OF THE CALCIUM-SELECTIVE ELECTRODE FOR
DETERMINING THE SOLUBILITY PRODUCT AND
DISSOCIATION CONSTANT OF CALCIUM SULFATE
CONSULTANTS BUREAU

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NIKOLAEV, A. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0865-0868
X-RAY EMISSION SPECTRA OF OXYGEN IN
EXTRACTING AGENTS OF THE TYPE R3XO
(X=N, AS, P) ROLE OF CACANT CENTRAL
ATOMIC ORBITALS IN TT-TYPE BONDS
CONSULTANTS BUREAU

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POLUEKTOV, N. S.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0869-0871
FORCES OF OSCILLATORS IN THE TRANSITIONS
(3P2; 3P1 + 1I6; 3P0) 3H4 OF THE PR3+ ION
IN SOLUTIONS OF CERTAIN COMPLEXES
CONSULTANTS BUREAU

000000017562

SADOVNIKOV, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0872-0875
ON THE ASSOCIATIVE SUBSTITUTION OF THE
PRODUCT BY THE STARTING SUBSTANCE IN
HETEROGENEOUS CATALYTIC REACTIONS
CONSULTANTS BUREAU

000000017563

FEDOTOV, V. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0876-0879
NUCLEAR RELAXATION AND MOLECULAR MOTION IN
SOLID AMORPHOUS PETP
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KHODYAKOV, I. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0880-0883

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REACTIVITY OF THE INTERMEDIATE PHOTOLYSIS
PRODUCTS OF P-IODOPHENOL
CONSULTANTS BUREAU

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CHENTSOV, V. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0884-0887
THERMODYNAMIC INVESTIGATION OF SCANDIUM
TUNGSTATE SC6WO12 AT HIGH TEMPERATURES
AND ITS X-RAY DIFFRACTION PARAMETERS
CONSULTANTS BUREAU

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YAMPOL'SKIY, YU. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0004, PP 0888-0891
NATURE OF THE PRIMARY STEP IN THE THERMAL
DECOMPOSITION OF METHANE
CONSULTANTS BUREAU

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BABKINA, O. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0005, PP 1095-1098
DETERMINATION OF RATE CONSTANTS OF ION
REACTIONS BY ELECTRODIALYSIS
CONSULTANTS BUREAU

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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0005, PP 1099-1102
KINETICS OF CHEMISORPTION AND CHARGING
OF A SEMICONDUCTOR SURFACE
CONSULTANTS BUREAU

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BALABAEVA, R. F.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0005, PP 1103-1106
THERMODYNAMIC PROPERTIES OF NONSTOICHI-
OMETRIC VANADIUM DIOXIDE AT HIGH TEMPERATURES
AND AT 298,15K
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BOGOLYUBOV, N. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0005, PP 1107-1109
A METHOD OF CALCULATING ACTIVITIES
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BRODSKIY, A. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/08/1974,V0217,N0005, PP 1110-1113
DETERMINATION OF ELECTRON SOLVATION CHARAC-
TERISTICS ON THE LONG-WAVELENGTH PART OF THE
ABSORPTION SPECTRUM
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BLINOV, L. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
16/08/1974,V0220,N0004, PP 0860-0862
POLARIZATION OF ABSORPTION BANDS OF SOLUTIONS
OF BISCYANINE DYES IN LIQUID CRYSTALS
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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
16/08/1974,V0220,N0004, PP0873-0876
THE CATALYTIC ACTIVITY OF B-DIKETONATO

COMPOUNDS OF COPPER IN THE FORMATION OF
RUETHANES
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PASYNISKII, A. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
10/09/1974, V0020, N0004, PP 0881-0883
TWO PARAMAGNETIC FORMS OF COMPLEXES OF COBALT
BISCARBOXYLATES WITH QUINOLINE AND PICOLINE
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LAZAREV, A. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974, V0218, N0004, PP 0867-0870
FORCE CONSTANTS AND CHEMICAL STRUCTURE OF
OXYGEN-TETRAHEDRAL COMPOUNDS OF ELEMENTS IN
THE FOURTH PERIOD GE, AS, SE
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MOSHKINA, R. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974, V0218, N0005, PP 1147-1149
MECHANISM OF ETHANE OXIDATION PATHS OF
FORMALDEHYDE AND ETHYLENE OXIDE FORMATION
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ABDULLIN, R. S.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974, V0218, N0004, PP 0859-0862
63CU, 65CU, 121SB, AND 123SB NUCLEAR QUADRUPOLE
RESONANCE IN STIBIOWITTICHENITE (CU3SBS3)
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KIRSH, YU. YE.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974, V0218, N0004, PP 0863-0866
A STUDY OF DIFFUSION PROCESSES IN ALCOHOL -
WATER SOLUTIONS OF POLY-4-VINYLPYRIDINE
MACROMOLECULES BY THE FLUORESCENCE QUENCHING
METHOD
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LASKORIN, B. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974, V0218, N0004, PP 0871-0874
ELECTRON-DONATING CHARACTERISTICS OF PHOSPHORYL
COMPOUNDS
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MEL'NIKOV, M. YA.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974, V0218, N0004, PP 0875-0877
PHOTOCHEMICAL TRANSFORMATIONS OF ALKYL RADICALS
AT 77 DEGREES K
CONSULTANTS BUREAU

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MILOV, A. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974, V0218, N0004, PP 0878-0881
ELECTRON SPIN ECHO AS A METHOD FOR STUDYING
SHORT-LIVED PARAMAGNETIC SPECIES
CONSULTANTS BUREAU

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RUSANOV, A. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974, V0218, N0004, PP 0882-0885

EFFECT OF PORE SIZE ON ADSORPTION
CONSULTANTS BUREAU

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SKOROBOGATOV, G. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0004, PP 0886-0889
PULSE-WISE PHOTOLYSIS OF RI IODIDES AT VARIOUS
INITIAL CONCENTRATIONS OF IODINE ATOMS IN THE
PULSATING FIELD OF EXCITED IODINE RADIATION
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SPEKTOR, YE. Z.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0004, PP 0890-0893
NATURE OF THE INTERATOMIC INTERACTION IN AN
IRON-CARBON MELT
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TROITSKIY, O. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0004, PP 0894-0895
ISOTOPE ENRICHMENT OF A METAL DURING THE
PULSE ELECTRICITY TRANSFER PROCESS
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00000002163

KHARPOV, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0004, PP 0896-0899
GAMMA-RESONANCE SPECTRA OF 57FE(III) COMPLEXES
OF PORPHYRINS WITH ELECTRONEGATIVE SUBSTITUENTS
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00000002163

ANDREYEV, YE. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0005, PP 1121-1123
INFLUENCE OF ALKALI METAL ATOMS ON VIBRATIONAL
RELAXATION IN STREAMS OF MOLECULAR GAS
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00000002163

BARSHCHEVSKIY, B. YU.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0005, PP 1124-1127
LIGHT ABSORPTION AND LUMINESCENCE CAUSED BY
IMPURITIES IN SILVER HALIDE CRYSTALS
CB

00000002163

GERSHENZON, YU. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0005, PP 1132-1135
QUASISTATIONARY DISSOCIATION OF DIATOMIC
MOLECULES WITH LASER EXCITATION OF THE LOWER
VIBRATIONAL LEVELS
CB

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ZARIPOV, M. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0005, PP 1132-1135
AN ELECTRON-DIFFRACTION STUDY OF THE STRUCTURE
OF THE TRIMETHYL PHOSPHITE MOLECULE
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00000002163

IL'CHENKO, M. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0005, PP 1136-1139
EFFECT OF PLATINUM ADDITIONS ON REDUCTION OF
VANADIUM PENTOXIDE BY MOLECULAR AND ATOMIC

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HYDROGEN
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LASKORIN, B. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0005, PP 1140-1143
THERMODYNAMIC CHARACTERISTICS OF THE
HYDRATION PROCESS OF NEUTRAL ORGANOPHOSPHORUS
COMPOUNDS
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LIPATOV, YU. S.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0005, PP 1144-1146
CHARACTERISTICS OF THE ADSORPTION OF
MACROMOLECULES FROM CONCENTRATED SOLUTIONS
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STYROV, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0005, PP 1150-1152
EXCITATION OF NONEQUILIBRIUM CONDUCTIVITY OF
THE SURFACE OF A SOLID WHEN A CHEMICAL
REACTION TAKES PLACE ON IT
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YERMATOV, S. YE.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0006, PP 1391-1392
AN INFRARED SPECTROSCOPIC STUDY OF THE
INFLUENCE OF A HIGH-FREQUENCY DISCHARGE ON THE
ADSORPTION PROPERTIES OF SILICA GEL
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000000021644

TARAN, YU. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0006, PP 1393-1396
SIMULATION OF ORDER - DISORDER TRANSITIONS IN
A SYSTEM OF TWO INTERACTING MACROMOLECULES
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TROSHIN, V. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0006, PP 1397-1399
TRUE PROTON TRANSPORT NUMBERS IN AQUEOUS
SOLUTIONS OF ACIDS AND OF ALKALI METAL
HYDROXIDES
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FESHIN, V. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1974,V0218,N0006, PP 1400-1403
NQR STUDY OF THE ELECTRONIC EFFECTS IN
TRICHLOROETHYLENE DERIVATIVES OF THE
TYPE CC = CCLX
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KOCHUBEI, V. F.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0141-0144
KINETIC DETERMINATION OF THE HEAT OF
FORMATION OF THE HO2 RADICAL
CONSULTANTS BUREAU

000000015402

YEVSEYEV, A. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//

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00/11/1974,V0219,N0001, PP 0126-0129
EFFECT OF MOLECULAR SHAPE ON THE NATURE
OF DIELECTRIC RELAXATION IN THE MOLECULAR-
MECHANICAL MODEL OF POLAR SUBSTANCES
CONSULTANTS BUREAU #

ZHELEZNYI, B. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0130-0133
HYDRODYNAMICS OF ADVANCING MENISCUS OF
WETTING LIQUID
CONSULTANTS BUREAU #

IORDANSKIY, A. L.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0134-0136
SPECIAL FEATURES OF THE DIFFUSION OF
ELECTROLYTE SOLUTIONS IN MULTILAYER MEDIA
CONSULTANTS BUREAU #

KOSTYANOVSKIY, R. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0137-0140
PYRAMIDAL CONFIGURATION OF PHOSPHORUS AND
ARSENIC ATOMS IN ACYL PHOSPHINES AND ARSINES
CONSULTANTS BUREAU #

MARGARYAN, A. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0145-0147
ESR STUDY OF THE STRUCTURE OF ISOTROPIC AND
ANISOTROPIC MODIFICATIONS OF GERMANIUM
DIOXIDE
CONSULTANTS BUREAU #

NIKITINA, L. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0148-0151
THE MOSSBAUER SPECTROSCOPY OF MG1-XFEXGE03
SOLID SOLUTIONS
CONSULTANTS BUREAU #

SAMOED, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0152-0154
EFFECT OF PLATINUM ADDITIONS ON THE CATALYTIC
PROPERTIES OF FUSED VANADIUM PENTOXIDE AND
MELTS OF VANADIUM PENTOXIDE WITH POTASSIUM
CARBONATE IN THE HYDROGEN OXIDATION REACTION
CONSULTANTS BUREAU #

SOKOL'SKAYA, A. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0155-0157
THE LIQUID-PHASE HYDROGENATION OF UNSATURATED
COMPOUNDS ON PLATINUM UNDER HYDROGEN PRESSURE
CONSULTANTS BUREAU #

USHAKOV, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0158-0161
THE CHANGE IN THE STRUCTURE OF PLATINUM
DURING THERMAL TREATMENT IN HYDROGEN
CONSULTANTS BUREAU #

YUSHCHENKO, V. S.

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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0001, PP 0162-0165
NUMERICAL SIMULATION OF THE REBINDER EFFECT
CONSULTANTS BUREAU #

VICHNEVSKAYA, G. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0002, PP 0371-0374
AN ESR STUDY OF THE INFLUENCE OF THE DEGREE
OF HYDRATION ON THE STATE OF COPPER IONS
IN CARBOXYLIC ACID RESINS
CONSULTANTS BUREAU #

DERYAGIN, B. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0002, PP 0375-0378
LOW-FREQUENCY DISPERSION OF DIELECTRIC
CONSTANT IN BOUNDARY FILMS OF HYDROCARBON
LIQUIDS
CONSULTANTS BUREAU #

DUKHOVSKOY, YE. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0002, PP 0379-0381
THE EFFECT OF TRACES OF WATER ON THE
ANOMALOUSLY LOW FRICTION OF MOLYBDENUM
DISULFIDE IN A VACUUM
CONSULTANTS BUREAU #

LYAKHOV, N. Z.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1974,V0219,N0002, PP 0382-0384
THE NATURE OF THE NARROW COMPONENT IN PMR
SPECTRA OF CRYSTAL HYDRATES
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SOKOL'SKIY, D. V.

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GRIVA, A. P.
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CYCLOHEXANOL ON POLYANILINE DISULFIDE
UNDER STATIC CONDITIONS
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MEN', B. A.
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RUBAILO, V. L.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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SUKHOV, F. F.
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SHERGINA, N. I.
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ZUBOV, YU. A.
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PATRIKEEV, G. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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PHASE COMPLICATED BY A HIGH SPEED CHAIN REACTION
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EFFECT OF THE ADDITION OF RARE EARTH OXIDES
ON THE STRUCTURE OF ZIRCONIUM AND HAFNIUM
DIOXIDES
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WETTING OF SOLID ELECTRODES
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HANK, V. V.
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SILICATE
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DETERMINATION OF THE REACTION VOLUME FOR THE
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KOZLOVA, N. V.
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GOLENKO, T. G.
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INITIATION OF THE POLYMERIZATION OF CYCLOOLEFINS
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HALIDE-ETHYL DIAZOACETATE SYSTEM
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FOL'DBERG, V. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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EFFECT OF PROCESSING REGIMES ON THE MOLECULAR-
WEIGHT DISTRIBUTION OF LOW-DENSITY POLYETHYLENE
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MAMAEV, V. M.
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ANALYSIS OF THE CONFORMATIONAL RELATIONSHIPS
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PROTONS IN BUTADIENE
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REDUTKO, M. V.
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NATURE OF PROMOTING ACTION OF BROMIDE IONS
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P-XYLENE BY COBALT SALTS
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KHAIRUTDINOV, R. F.
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KHVOSTENKO, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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BASIC RULES FOR NEGATIVE ION FORMATION THROUGH
DISSOCIATIVE ELECTRON CAPTURE BY POLYATOMIC
MOLECULES
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BLAABAEV, M. K.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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NUMERICAL MODELING OF THE MOVEMENT OF A
LINEAR POLYMERIC CHAIN
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VAINSHTEIN, B. K.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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FORMATION OF SMECTIC MESOPHASES IN MIXTURES
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IVANOV, D. YU.
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KAZAKOVA, G. D.
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CARRIERS
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KORNILOV, I. I.
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SPECIAL PROPERTIES OF ALLOYS BASED ON THE
METALLIDES AGCD AND AGZN
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KRYLOV, V. N.
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THE STRUCTURE OF THE SORBENT AND THE MECHANISM
OF ION EXCHANGE ON AMORPHOUS TIN PHOSPHATE
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KURILENKO, A. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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POLYMERIC MATERIALS
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MAZUR, V. I.
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MYASNIKOV, I. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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IONIZATION OF THE METAL ATOMS ON FILMS OF
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NOVIKOVA, E. S.
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KINETICS OF BUTADIENE POLYMERIZATION UNDER
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POLYEKTOV, N. S.
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HYPERSENSITIVE TRANSITIONS IN THE LUMINESCENCE
SPECTRA OF SAMRUM AND EUROPIUM IONS IN
SOLUTIONS OF VARIOUS COMPLEXES
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SAMITOV, YU. YU.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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DISPERSION OF THE CHEMICAL HETERONUCLEAR
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GOLUBEV, N. S.
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THE INTRAMOLECULAR HYDROGEN BOND AND
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SUBSTITUTED PHENOLS
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GUSEVA, L. N.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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CONCENTRATION INHIBITION OF REACTIONS IN CELLULOSE
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DUBINSKII, V. Z.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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ROLE OF QUINONOID PEROXIDES IN OXIDATION INHIBITED
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LIPATOV, YU. S.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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EFFECT OF FILLERS ON THE RELAXATION-TIME
SPECTRUM OF FILLED POLYMERS
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NESMEYANOV, NIK. A.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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TAUTOMERISM OF ACYLMETHYLPHOSPHONIUM SALTS
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FESHIN, V. P.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
00/02/1975,V0220,N0006, PP 1380-1383
INVESTIGATION OF THE ELECTRONIC STRUCTURE
OF THE CYCLOPROPANE RING BY C135 NMR
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TSIKLIS, D. S.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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GRIBOB, L. A.
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TEMPERATURES 850-1000C
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GRITSKOV, A. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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STUDY OF THE STATE OF DOUBLE-BONDED OXYGEN
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IVANOV, P. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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KOZLOVA, N. V.
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MAKSIMOV, YU. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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CATALYST DURING THE CATALYTIC REACTION OF MILD
OXIDATION OF PROPYLENE
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MARKEVICH M. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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EQUILIBRIUM DISTRIBUTION OF CYCLIC MACROMOLECULES
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NIKOL'SKIY, B. P.
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INTERCONNECTION BETWEEN OXIDATIVE-REDUCTIVE,
ACID-BASE, AND ION-EXCHANGE
PROPERTIES OF REDOX RESINS
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SANINA, G. S.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/04/1975,V0221,N0004, PP 0892-0895
MECHANISM OF THE CATIONIC POLYMERIZATION OF
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ANTIMONY TRIFLUORIDE
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TELICHKUN, B. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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ELECTRONIC SPECTRA OF P - DIMETHYLAMINOAZOBENZENE
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 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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KABAKCHI, S. A.
 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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 ALKALI CHLORIDE SOLUTIONS
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LYSIKOV, YU. I.
 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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PEPEKIN, V. I.
 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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 THERMOCHEMISTRY OF C-NITROSO COMPOUNDS
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 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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 THE ANOMALOUS ISOTOPE EFFECT FOR THE FREQUENCY
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 HYDROGEN BONDS A - H . . . B
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SOKOLOVA, I. D.
 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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 THE POLYMORPHIC TRANSFORMATION AND CONDUCTIVITY
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 THE CARBON ATOM IN CARBORANES-12
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TROITSKIY, O. A.
 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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 ISOTOPIC ENRICHMENT OF CADMIUM DURING PULSED
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FUKI, V. K.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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PHOTOCHEMICAL CONVERSIONS OF RADICALS IN
POLYVINYLACETATE AND VINYL ACETATE - ETHYLENE
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CHECHILLO, N. M.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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EFFECT OF THE CONCENTRATION AND NATURE OF INITIATOR
ON THE PROPAGATION PROCESS IN POLYMERIZATION
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YAKYSHEV, V. V.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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NATURE OF THE ELECTRICAL CONDUCTIVITY OF THE
DETONATION PRODUCTS FROM CONDENSED EXPLOSIVES
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POPOVA, N. M.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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HYDROGEN SPECIES ADSORBED ON GROUP VIII METALS
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AGEYEV, N. B.
//DOKLADY AM SSSR, PHYSICAL CHEMISTRY//
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MECHANISM OF THE EFFECT OF YTTRIUM ON THE HEAT
RESISTANCE OF NICKEL - CHROMIUM ALLOYS
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VORONKOV, YE. B.
 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
 00/09/1975,V0224,N0002, PP 0363-0364
 CHARACTERISTIC FEATURES OF STRESS AND CREEP
 RELAXATION OF ORIENTED POLYPROPYLENE
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YEVTYEVA, N. M.
 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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 KINETICS OF AUTOOXIDATION OF B-IONOL
 ACETATE
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YEVTYEVA, N. M.
 //DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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ZAMOZHSKIY, V. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0369-0372
THE GROWTH OF DIAMOND WHISKERS IN AN ELECTRON
MICROSCOPE
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ZAMOZHSKIY, V. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0369-0372
THE GROWTH OF DIAMOND WHISKERS IN AN ELECTRON
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KUPRIYANOV, S. E.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0373-0376
MASS-SPECTROMETRIC INVESTIGATION OF THE
COLLISIONS OF METASTABLE "SUPEREXCITED"
ATOMS OF POTASSIUM WITH MOLECULES OF METHANE
AND DEUTEROETHYLENE
CB

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LEBED', I. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0377-0380
DEACTIVATION OF RATIONALLY EXCITED HALOGEN
HYDRIDE MOLECULES
CB

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NOVOK SHONOVA, L. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0384-0386
MACROREGION OF ORIENTATION IN NASCENT PARTICLES
OF POLYPROPYLENE
CB

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SERGEYEV, G. B.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0387-0390
EFFECT OF TEMPERATURE ON EXPERIMENTAL
ACTIVATION ENERGIES
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SMIRNOV, V. S.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0391-0393
STUDY OF THE COUPLING OF THE DEHYDROGENATIO
OF ISOAMYLENES WITH REACTIONS OF HYDROGEN
CONSUMPTION ON A PALLADIUM-NICKEL MEMBRANE
CATALYST
CB

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SHEVCHENKO, V. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0394-0397
ELECTROKINETIC EFFECTS IN CATALYTIC IONIC
POLYMERIZATION
CB

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TSVETKOV, V. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, PP 0398-0401
MAGNETIC DOUBLE REFRACTION IN POLY(PARA-
BENZAMIDE) SOLUTIONS
CB

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LUXIN, L. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0002, 0381-0383
CAPTURE OF "DRY" ELECTRONS BY OXYGEN MOLECULES
IN LIQUID HYDROCARBONS
CB

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ASKADSKIY, A. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0003, PP 0612-0615
PACKING OF MACROMOLECULES IN POLYMERS AND THE
GLASS POINT
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BOROVKOVA, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0003, PP 0616-0619
MICROSECOND AND NANOSECOND IMPULSE PHOTOLYSIS
OF CARBAZOLES TWO-QUANTUM REACTION IN A LIQUID
MEDIUM
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000000049447

GENKIN, M. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0003, PP 0620-0622
INVESTIGATION OF IMMOBILIZED CYTOCHROME C
BY SPECTROSCOPIC AND ESR METHODS
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GOLODOV, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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CATALYTIC REDUCTION OF COPPER (II, I) BY
CARBON MONOXIDE IN ALKALINE MEDIUM
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KAFAROV, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0003, PP 0627-0629
ANALYSIS OF THE MODES OF PROGRESS OF REACTION
IN EMULSION POLYMERIZATION USING THE
QUASISTATIONARY APPROXIMATION
CB

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MAL'TSEV, A. K.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0003, PP 0630-0633
DIRECT IR SPECTROSCOPIC PROOF OF FREE-RADICAL
DESORPTION DURING THE UV IRRADIATION OF SOLIDS
IN VACUUM
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PIKAYEV, A. K.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0003, PP 0638-0641
PULSED RADIOLYSIS OF AQUEOUS SOLUTIONS OF
COMPOUNDS OF DIVALENT MERCURY
CB

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RUBAILO, V. L.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0003, PP 0642-0645
INFLUENCE OF CONJUGATION OF AN UNSATURATED
BOND WITH THE PHENYL GROUP ON THE REACTIVITY OF
1-PHENYLCYCLOHEXENE IN THE PROCESS OF
OXIDATION

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RUSINA, I. F.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/09/1975,V0224,N0003, PP 0646-0649
ABSOLUTE VALUES OF THE RATE CONSTANTS FOR THE
REACTION OF INHIBITORS WITH PEROXIDE RADICALS
CB

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AZATYAN, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V----,N0005, PP 1096-1099
KINETIC OF THE REACTIONS OF CHAIN BRANCHING AND
CHAIN TERMINATION IN THE DECOMPOSITION OF
NITROGEN TRICHLORIDE
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ARKHAROV, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V----,N0005, PP 1100-1102
REFINEMENT OF IDEAS REGARDING THE MECHANISM OF
THE MIGRATION OF INTERCRYSTALLITE BOUNDARIES
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BARATASHVILI, I. B.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0844-0846
INVESTIGATION OF THE THERMODYNAMIC PROPERTIES
OF MANGANESE PHOSPHIDE MN₂P
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BULGAREVICH, S. B.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0847-0850
CONSTRUCTION OF A VALENCE-OPTICAL SCHEME FOR
AZOLES
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VARFOLOMEYEV, S. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0851-0854
RELIABILITY FUNCTIONS IN FERMENTATION CATALYSIS
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GORODYSKIY, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0855-0858
THE POSSIBILITY OF CONTINUOUS SOLVATION OF THE
TRANSITION STATE OF CHEMICAL REACTIONS IN BINARY
SOLVENTS
CB

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GRIGORYAN, YE. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0859-0861
INTERACTION OF METHANE WITH COMPLEX CATALYSIS
CB

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ZEYINALOV, YE. B.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0862-0865
KINETICS AND MECHANISM OF THE OXIDATIVE
DEGRADATION OF POLYDIMETHYLSILOXANE RUBBERS
CB

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KAZANSKIY, L. P.

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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0866-0868
GEOMETRIC ISOMERISM IN HETEROPOLYANIONS
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KAFAROV, V. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0869-0872
MATHEMATICAL MODEL OF HETEROPHASE EMULSION
POLYMERIZATION
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KARKOVYAK, M. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0873-0876
THE REACTIVITY AND INTRAMOLECULAR MOBILITY OF
MACROMOLECULES IN SOLUTION
CB

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LAVRENKO, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0877-0879
HIGH-TEMPERATURE OXIDATION OF GEKSANIT-R.
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LATYSHEV, A. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0880-0882
INTERACTION OF CHEMISORBED PARTICLES WITH
DISLOCATIONS
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RUBAYILO, V. L.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0883-0886
REACTION RATE CONSTANTS FOR CHAIN EXTENSION AND
CHAIN BREAKING IN LIQUID-PHASE OXIDATION OF
1-PHENYCYLOHEXENE
CB

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SOKOL'SKIY, D. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0887-0890
ACTIVATION OF THE CARBONYL BOND OF KETONES
IN REACTIONS OF HYDROGENATION
CB

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FEDOTOV, V. D.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0004, PP 0891-0894
"SOLID" EFFECT IN MULTIPLE-PULSE NMR EXPERIMENTS
ON LIQUID-PHASE POLYMERS
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VORONKOV, M. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0005, PP 1103-1106
CL NMR SPECTRA OF N-(B,B-DICHLOROVINYLYL) AMIDES
OF MONOCARBOXYLIC ACIDS AND AN LCAO-MO
CALCULATION OF THE NMR FREQUENCIES OF N-(B,B-
DICHLOROVINYLYL) A CETAMIDE
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SELIM, M. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0005, PP 1119-1121

THE FORM IN WHICH HYDROGEN IS INTRODUCED INTO
THE STRUCTURE OF VARIOUS ZEOLITE CATALYSTS OF
TYPE Y
CB

TAMM, M. YE.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0005, PP 1122-1125
INVESTIGATION OF T-X-Y PROJECTION OF P-T-X-Y
PHASE DIAGRAM FOR PB-SN-TE-SYSTEM
CB

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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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PHASE DIAGRAM FOR PB-SN-TE-SYSTEM
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TSVETKOV, V. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0005, PP 1126-1129
DYNAMIC BIREFRINGENCE AND THE RIGIDITY OF
POLYPARABENZAMIDE MOLECULES IN SOLUTION
CB

SHAMRAL V. F.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0005, PP 1130-1133
THREE-COMPONENT SOLID SOLUTIONS BASED ON
THE-COMPOUND NB3AL
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BASOVA, R. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1327-1329
SOME FEATURES OF THE KINETICS OF ANIONIC
POLYMERIZATION OF STYRENE IN ALIPHATIC SOLVENTS
CB

BORISOV, YU. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1330-1333
A METHOD OF CALCULATING THE ENERGIES OF ATOMS
AND MOLECULES
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VASILENKO, N. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1334-1337
ORBITAL NATURE OF TRANSITIONS RESPONSIBLE FOR
THE LONG-WAVE ABSORPTION AND FLUORESCENCE OF
POLY(SCHIFF'S BASES)
CB

VASIL'EVA, I. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1338-1340
THERMODYNAMIC PROPERTIES OF NONSTOICHIOMETRIC
TERBIUM SESQUIOXIDE AT HIGH TEMPERATURES
CB

VERKIN, B. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1341-1344
COMPLEX FORMATION OF IONS OF THE IRON GROUP IN

AQUEOUS SOLUTIONS OF POLYETHYLENE OXIDES
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GRINBERG, YA. KH.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1345-1347
CALCULATION OF MULTICOMPONENT EQUILIBRIA
CB

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ZHAN, P. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1348-1351
INVESTIGATION OF COPPER-MAGNESIUM OXIDES
CATALYSIS BY MEAN OF X-RAY ELECTRON
SPECTROSCOPY
CB

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MILOSERDOV, I. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1352-1355
INFLUENCE OF GAS ADSORPTION ON ELECTROPHYSICAL
PROPERTIES OF OXIDES ACTIVATED WITH METALS
CB

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SPITSYN, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1356-1359
MASS-SPECTROMETRIC INVESTIGATION OF THE EVA
EVAPORATION OF SODIUM TUNGSTEN BRONZES OF
DIFFERENT COMPOSITIONS
CB

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STANKO, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/10/1975,V0224,N0006, PP 1360-1362
THE EFFECT OF HYPERCONJUGATION OF THE METHYL
GROUP IN 12-CARBONANES
CB

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GRYAZNOV, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0220,N0005, PP 1099-1102
KINETICS OF THE ADDITION OF NITROGEN DIOXIDE
TO MULTIPLE-BONDED HYDROCARBONS
CB

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SMIRNOV, I. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N00003, PP 0621-0623
DEFORMATION OF SILICON CRYSTAL LATTICE BY
BOMBARDMENT WITH BORON AND OXYGEN IONS
CB

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IONOV, V. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001 PP 0349-0352
DEPENDENCE OF THE ACTIVITY COEFFICIENTS ON THE
CONCENTRATION OF THE METAL BROMIDES AND
IODIDES
CB

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ATOVMYAN, L. O.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0099-0100
X-RAY STRUCTURAL INVESTIGATION OF BERYLLIUM
DIOXOCTAACETATE

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BARANTSEVICH, YE. N.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0101-0104
CHAIN TRANSFER TO POLYMER BY INITIATOR RADICALS
DURING THE SUCCINYL PEROXIDE-INITIATED OLIGOMERIZA
OF 1,3-BUTADIENE

000000049584

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BEREZIN, I. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0105-0108
BIOCHEMICAL FUEL CELLS. HYDROGENASE AS A
CATALYST OF THE OXIDATION OF HYDROGEN IN THE
MEDIATOR - CARBON ELECTRODE SYSTEM

000000049585

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BORESKOV, G. K.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0112-0115
ESCA INVESTIGATION OF CHEMISORPTION AND
DECOMPOSITION OF NO ON IRON

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GOREV, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0120-0122
COMBUSTION OF HYDROGEN CLOUD RISING IN AIR

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DASHEVSKII, M. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0123-0125
ELECTRON-MICROSCOPE STUDY OF THE FORMATION OF
BAYERITE AND -ALUMINA

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MAZUR, V. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0130-0132
EFFECT OF ADDITIONS OF SODIUM ON THE STRUCTURE
OF SILUMIN MELTS

000000049591

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MAKSIMOV, YU. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0133-0136
MOSSBAUER SPECTROSCOPIC STUDY OF THE ELECTRONIC
STATE OF IRON IN AN IRON-MOLYBDENUM CATALYST
DURING THE OXIDATION OF METHANOL

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MOVSHOVICH, I. M.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0137-0140
KINETICS FOR CHEMICAL REACTIONS IN CONDENSED
MEDIA TAKING INTO ACCOUNT THE SPATIAL HETERO
GENEITY AND DIFFUSION

000000049593

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NOVIKOV, S. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0141-0143
IRRADIATION OF POLYISOPRENE IN SOLUTION

000000049594

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SAVEL'YEV, G. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0144-0147
USE OF THE METHOD OF CORRELATION DIAGRAMS TO
ANALYZE ELEMENTARY ACTS IN SOLID-PHASE REACTIONS
CB #

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FEDOROVICH, N. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0148-0151
REDUCTION OF THE PERSULFATE ANION IN DIMETHYL
SULFOXIDE
CB #

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TSEPALOV, V. F.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0152-0155
EXPERIMENTAL VALUES OF THE PRE-EXPONENTIAL
FACTORS OF THE RATE CONSTANTS FOR SOME LIQUID-
AND GAS-PHASE RADICAL SUBSTITUTION REACTIONS
CB #

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VALOV, P. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0338-0341
KINETIC LAWS GOVERNING THE LIQUID-PHASE OXIDATION
HEXAFLUOROPROPYLENE
CB #

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WOLLBRANDT, J.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0342-0344
GENERATION OF HIGH-ENERGY ELECTRONS DURING THE
DESTRUCTION OF SOLIDS
CB #

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GALASHIN, A. YE.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0345-0348
PHOTOPOLYMERISM OF ANTHRACENE
CB #

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KARASEVA, L. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0353-0356
PARAMAGNETIC CENTERS IN -IRRADIATED SINGLE
CRYSTALS OF YTTRIUM ALUMINUM GARNET AT LOW
TEMPERATURES
CB #

00000004960

SIMITSYNA, Z. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0361-0363
ABSOLUTE EFFICIENCY OF THE TWO-QUANTA SENSITIZED
DECOMPOSITION OF BENZYLAMINE
CB #

00000004960

SHAULOV, A. YU.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0001, PP 0364-0367
SPIN-LABEL INVESTIGATION OF THE MICROSTRUCTURE
OF POLY(GLYCIDYL METHACRYLATE) SOLUTIONS
CB #

00000004960

LEBEDEVA, T. I.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//

00000004960

00/11/1975,V0225,N0001, PP 357-360
EFFECT OF COORDINATION OF THE CATION WITH THE
ELECTRON DONOR ATOM OF THE SUBSTITUENT IN THE
CARBANION IN THE DETERMINATION OF THE EQUILI
BRIUM CH-ACIDITY
CB

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VUL'FSON, S. G.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0003, PP 0593-0596
RELATIONSHIP BETWEEN THE POLARITY AND
POLARIZABILITY PARAMETERS OF SEVERAL AXIALLY
SYMMETRIC MOLECULES
CB

00000004960

GEL'MUKHANOV, F. KH.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0003, PP 0597-0600
VIBRATIONAL STRUCTURE IN THE X-RAY EMISSION
AND ABSORPTION SPECTRA OF MOLECULES
CB

00000004960

DERYAGIN, B. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0003, PP 0601-0604
ELECTROSTATIC INTERACTIONS FOR TWO SEMINFINITE
MEDIA TAKING INTO ACCOUNT THE DISCRETENESS
OF THE SURFACE CHARGES
CB

00000004960

KUZNETSOVA, V. P.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0003, PP 0605-0608
THERMOCHEMICAL INVESTIGATION OF THE INTERACTION
OF EPOXIDE COMPOUNDS WITH PRIMARY AMINES
CB

00000004960

OSIPOV, K. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0003, PP 0609-0612
CRITERIA FOR EVALUATING THE TEMPERATURE FOR THE
SUPERCONDUCTING TRANSITION FOR CHEMICAL ELEMENTS
AND COMPOUNDS WITH A STRUCTURE A15
CB

00000004961

PINAEV, A. V.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0003, PP 0613-0616
SPIN DETONATION IN A HETEROGENEOUS SYSTEM
OF THE GAS-FILM TYPE
CB

00000004961

RUBAILO, V. L.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/11/1975,V0225,N0003, PP 0617-0620
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OXIDATIVE CONVERSIONS IN THE OXIDATION OF
CYCLOHEXENE
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ON THE HYDROGENATION OF 1-HEXENE AND 1-HEXYNE
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ANNIHILATION OF POSITRONS AND STRUCTURAL
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N-ACYL DERIVATIVES ON N-METHACRYLOYL-L-LYSINE
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AGROSKIN, V. YA
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THERMODYNAMICS AND KINETICS OF THE RADICAL
POLYMERIZATION AND COPOLYMERIZATION OF AN
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STUDY OF THE KINETICS OF LIGAND EXCHANGE BY
THE PARAMAGNETIC SHIFTS INDUCED BY LANTHANIDE
SHIFT REAGENTS
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HETEROGENEOUS-HOMOGENEOUS DEEP OXIDATION OF
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FORMATION AND REACTIVE DIFFUSION MECHANISMS IN
THE SOLID-PHASE SYNTHESIS OF COMPLEX OXIDES

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SPECTRA OF METHYLBROMOGERMANES
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THE MgSO₄ ION PAIR IN THE TEMPERATURE RANGE
FROM 25 TO 90 C
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REACTION BETWEEN DECAFLUORODIPHENYLCHLOROMETHAN
AND BUTYLLITHIUM
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Z-RAY DIFFRACTION STUDY OF DIMETHYLAMMONIUM
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OXIDES OF THE RARE-EARTH ELEMENTS OBTAINED
BY THE HYDROTHERMAL METHOD
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OXIDATION OF LOW-VALENCY INTERMEDIATE SPECIES
DURING THE HIGH-SPEED ANODIC DISSOLUTION OF
CHROME-NICKEL ALLOYS IN CHLORIDE SOLUTIONS
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00/12/1975,V0225,N0005, PP 1093-1095
VECTOR FORM OF THE CONDITION FOR PHASE
EQUILIBRIUM IN A SYSTEM OF COMPONENTS AND A
VARIATIONAL CONODE PRINCIPLE FOR THE T-P-X
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COMPOUND AMBN IN A REGULAR SOLUTION SYSTEM
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TWO-STAGE CHARACTER OF THE REACTION OF CHAIN
GROWTH IN THE POLYMERIZATION OF OLEFINS ON
COMPLEX CATALYSTS
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MELTS OF ALKALI METAL HALIDE COMPOUNDS
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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/12/1975,V0225,N0005, PP 1111-1114
DETERMINATION OF THE RATE OF CHAIN INITIATION
IN THE AUTOOXIDATION OF CYCLOHEXENE
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EXCHANGE RESINS
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QUARTZ
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MECHANISM AND YIELD OF LUMINESCENCE AND
ELECTRON EMISSION IN THE ELEMENTARY ACTS
HETEROGENEOUS CHEMICAL REACTIONS
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NETWORK POLYMERS
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THE INTENSITY OF THE C=C AND C-S-H VIBRATIONS
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MECHANISM OF THE LIGHT-PROTECTIVE ACTION OF
STERICALLY HINDERED PIPERIDINES
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00/12/1975,V0225,N0006, PP 1347-1350
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COMPLEX COMPOUND FROM THE CURVATURE OF THE
LIQUIDUS IN THE APPROXIMATION OF REGULAR
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INFLUENCE OF SOLVENT ON THE QUENCHING OF
TRIPLET STATES OF AROMATIC HYDROCARBONS BY
NITROXY RADICALS
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00/12/1975,V0225,N0006, PP 1358-1361
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AQUEOUS SOLUTION OF STRONG ACIDS
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EXPERIMENTAL STUDY OF THE ABSORBING POWER OF
SYNTHETIC AIR-DRY ALUMINIUM AND IRON HYDROXIDES
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00/12/1975,V0225,N0006, PP 1366-1368
ISOCENTRATIONAL PHASE CHANGES IN BINARY
GAS-LIQUID MIXTURES
CB

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RATNER, S. B.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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STABILIZING EFFECT IN POLYVINYL CHLORIDE
(POLYMETHYL METHACRYLATE MIXTURES ON THEIR
DESTRUCTION AND BREAKDOWN
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VOROTYNTSEV, M. A.
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ATOM-MOLECULE CONVERSIONS IN THE CONDENSED
PHASE AT LOW TEMPERATURES
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DETERMINATION OF THE STOICHIOMETRY OF BINARY
COMPOUNDS BY MASS SPECTROMETRY USING A LASER
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ZARINSKIY, V. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/01/1976,V0226,N0001, PP 0111-0113
KINETICS OF ELECTRODIALYTIC SEPARATION OF
MICROIMPURITY IONS FROM SUSPENSIONS OF
INSOLUBLE COMPOUNDS
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ZUBAREV, V. YE.
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SPIN-TRAPPING INVESTIGATION OF THE γ -RADIOLYSIS
OF METHANOL AT VARIOUS TEMPERATURES
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KORETSKIY, A. F.
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ENERGETICS OF THE ELEMENTARY ACTS OF WETTING
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EMULSIFIERS, AND FROTH FLOTATION
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LAVRENKO, V. A.
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CORROSION OF SILVER COATING BY THERMAL
DEGRADATION PRODUCTS OF POLYMERIC MATERIALS
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NEKIPELOVA, T. D.
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SPECIFICS OF THE INHIBITING ACTION ON ANTIOXIDANTS
IN THE OXIDATION OF PHENYLACETYLENE
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POPOV, YU. A.
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CALCULATION OF EFFECTIVE TRANSFER COEFFICIENTS
IN ANY POROUS MEDIUM
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POSSIBLE MECHANISM FOR THE PHOTORADIATION EFFECT
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ASSOCIATE FORMATION IN HIGH-DENSITY WATER VAPOR
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TREILOV, V. I.
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00/01/1976,V0226,N0001, PP 0140-0143
FORMATION OF A PROTECTIVE BARRIER LAYER DURING
HIGH-TEMPERATURE OXIDATION OF CR-0.5 LA ALLOY
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YATSIMIRSKIY, K. B.
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MASS-SPECTROSCOPIC INVESTIGATION OF COMPLEXES
OF COPPER(II) AND IRON(III) WITH GLYCINE AND
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VASIL'EVA, I. A.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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THERMODYNAMIC PROPERTIES OF PRASODYMIUM OXIDES IN
THE PRO1.50-PRO1.81 RANGE AT HIGH TEMPERATURES
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VITANOV, T.
//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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DEPENDENCE OF THE DIFFERENTIAL CAPACITANCE OF THE
ELECTRICAL DOUBLE LAYER AT THE (100) PLANE OF A
SILVER MONOCRYSTAL ON THE SURFACE STRUCTURE OF THE
ELECTRODE IN DILUTE SODIUM SULFATE SOLUTIONS
CB

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ZAVELOVICH, YE. B.
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INVESTIGATION OF PROTON EXCHANGE BY NMR
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00/01/1976,V0226,N0002, PP 0380-0381
NATURE OF PHASE TRANSITIONS IN SOLID ELECTROLYTES
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COMPONENTS IN SOME CORROSION-RESISTANT ALLOYS
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EPICHLOROHYDRIN WITH MONO- AND DIHYDROIC PHENOLS
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00/01/1976,V0226,N0003, PP 0609-0611
MOSSBAUER EFFECT AT THE FE57 AND SN119 NUCLEI
IN THE COMPOUNDS $\text{NbO}_2 \cdot 0.75\text{SnO}_2$, $2\text{FeO} \cdot 0.3\text{VO} \cdot 0.75\text{SnO}_2$,
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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/01/1976,V0226,N0003, PP 0612-0614
INFLUENCE OF THE NATURE OF THE CATION OF THE
BASE ON THE SURFACE CONDUCTIVITY OF THE H FORMS
OF LAYER SILICATES
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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
00/01/1976,V0226,N0003, PP 0615-0618
DEFECT STRUCTURE AND THERMODYNAMIC PROPERTIES
ON NONSTOICHIOMETRIC VANADIUM MONOXIDE
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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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MECHANISMS OF SOME NUCLEOPHILIC SUBSTITUTION
REACTION AT AN OXYGEN ATOM
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//DOKLADY AN SSSR, PHYSICAL CHEMISTRY//
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